

ABSTRACT

In an apparatus and a method for processing a calling tone of a wire/wireless telephone, if an RF signal corresponding to a ring receiving generation control signal is transmitted to a portable device from a fixed device after a ring signal is received in the fixed device of the wire/wireless telephone, the portable device measures the distance between the fixed device and the portable device according to electric field strength of the RF signal transmitted by the fixed device. If the measured distance is less than a preset reference distance, the portable device disables generation of the calling tone and the calling tone is generated in the fixed device only. Thus, when the fixed device is near the portable device, only the fixed device processes the calling tone for receiving a ring signal, and the problem of user inconvenience caused by lack of harmony between melody chords generated in the fixed device and the portable device is solved.